

California Department of Fish and Game
722 Capitol Avenue
Sacramento, California

MARINE RESOURCES OPERATIONS
Cruise Report 58S8-Trawl

Vessel: N. B. SCOFIELD

Dates: Departed San Pedro November 8, 1958.
Returned San Pedro December 16, 1958.

Localities: California coastal waters from Eureka to Crescent City.

Purpose: 1. To tag petrale and English sole with spaghetti tags.
2. To collect specimens for various investigations and for Steinhart Aquarium.

Results: Eight hundred and seventy-nine petrale and 3,732 English sole were tagged and released. Fishing was started in the vicinity of Crescent City and continued for six days. During the period, 100 petrale sole were tagged and released in depths ranging from 67 to 205 fathoms. In addition, 6 English sole were tagged and released in depths ranging from 67 to 170 fathoms.

On information supplied by the commercial trawling fleet the tagging operation was moved to the vicinity of Eureka for the remainder of the trip. A few drags in waters of 150-200 fathoms proved unproductive. Subsequently, fishable concentrations of English sole were found and 3,726 were tagged and released in water of 35 to 65 fathoms. While the primary effort was concentrated on English sole 779 petrale sole were also released in this area.

Returns were being gathered even before the vessel had finished the tagging operations. Valuable information on seasonal movement of English and petrale sole will be gained from these and future returns.

Specimens were collected for various investigations as requested and one drag was made in the vicinity of San Francisco to supply Steinhart Aquarium with live specimens.

Personnel: R. B. Mitchell, Master, Fisheries Vessel, California Department of Fish and Game
Walter Dahlstrom, Biologist in Charge, November 8, 1958 to December 1, 1958, Department of Fish and Game
Earl Gibbs, Biologist in Charge, December 2, 1958 to December 16, 1958, Department of Fish and Game
James G. Smith, Seasonal Aid, Department of Fish and Game

OREGON
CALIFORNIA

Pt. St. George
#Crescent City

100 Petrale
6 English



Klamath River

N. B. SCOFIELD

58-S-8-Trawl

LEGEND



Tagging area,
showing numbers
released.

Trinidad Head

779 Petrale
3726 English



Eureka

Eel River

Cape Mendocino